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(71)Applicant : HITACHI LTD

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(72)Inventor : OGAWARA HIROSHI
 NAKAYAMA TAKANORI
 TANAKA TAKESHI
 ITO HIKARI
 KAMEI TATSUO
 KAWAMURA TETSUYA
 NATORI MASATAKA
 HAKODA HIDETAKA

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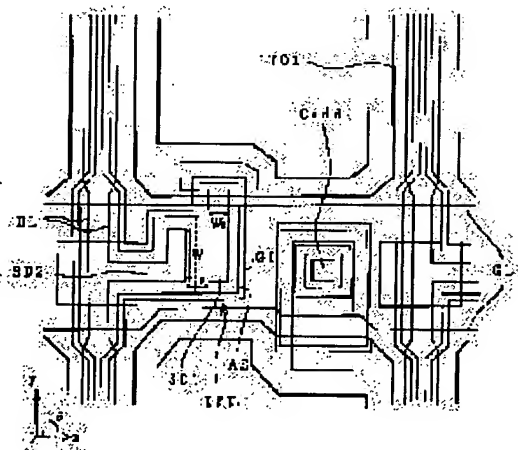
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(54) LIQUID CRYSTAL DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To make it possible to completely suppress the generation of flicker even with a liquid crystal display device of a large display screen by constituting the capacitance between the gate electrodes and source electrodes of thin-film transistors(TFTs) to be small on the input terminal side of gate signal lines and large on the terminal sides thereof.

SOLUTION: The gate signal lines GL which extend in an x-direction and are arranged in juxtaposition in a y-direction are formed on the liquid crystal side surface of a transparent substrate. Pixel electrodes ITO 1 consisting of transparent conductive films are formed in the greater part of the pixel regions enclosed by the gate signal lines GL and drain signal lines DL. The drain signal lines DL are previously formed on the gate insulating films GI, insulating film GI and semiconductor layer AS of the thin-film transistors TFTs in its forming region and are formed of the successive laminate of, for example, chromium and aluminum. The thin-film transistors TFTs consist of MIS type and the capacitors between the gate electrodes and source electrodes thereof are constituted small on the input terminal side of the gate signal lines GL and large on the terminal side thereof.



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